

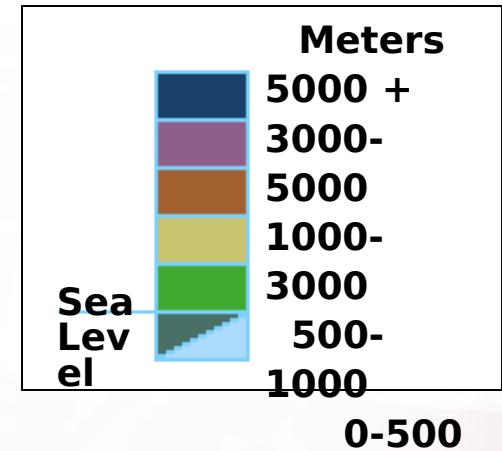
Chad



Chad : Environmental Issues

- Topography
- Climate

Climate tropical in south, desert in north



Terrain: broad, arid plains in center, desert in north, mountains in northwest, lowlands in south

lowest point: Djourab Depression

160 m

highest point: Emikoussi 3,415 m

Chad : Environmental Issues

- Air :
 - Low risk
 - Localized air contamination may occur near specific industrial facilities or urban areas
- Soil:
 - Localized to specific areas surrounding industrial facilities and waste disposal sites
 - Significant exposure to contaminants in soil is unlikely in the absence of wind-blown dust, active digging, or migration of contaminants from soil into ground water
 - Usually presents a low risk to human health

Chad: Environmental Issues

- Food:
 - Food may be contaminated with industrial particulates, chemicals from soil, pesticides, fertilizers, and fecal pathogens
- Water:
 - Water contaminated with raw sewage
 - Agricultural chemicals may contaminate surface and ground water
 - Construction of Chad-Cameroon oil pipeline may contribute to water contamination

Chad: Environmental Issues

- Greatest short-term environmental health risks
 - Water contaminated with raw sewage
 - Runoff containing fecal pathogens

Chad: Diseases of Operational Importance

- **Very High Risk** country
- Diseases of greatest risk
 - Food and Waterborne Diseases: Bacterial diarrhea, Hepatitis A, Protozoal diarrhea, and Typhoid/paratyphoid fever
 - Vector-borne Diseases: Malaria
 - Sexually Transmitted Diseases: HIV/AIDS, Hepatitis B
 - Respiratory Diseases: Meningococcal meningitis
 - Water-contact Diseases: Schistosomiasis

Chad: Diseases of Operational Importance

- Diseases of potential risk
 - Food and waterborne Diseases: Brucellosis, Cholera, Hepatitis E
 - Vector-borne Diseases: Crimean-Congo hemorrhagic fever, Rickettsioses (tickborne, spotted fever group), Chikungunya, Leishmaniasis, Rift Valley fever, Sindbis (Ockelbo) virus, Dengue fever, Yellow Fever, and West Nile fever, and Trypanosomiasis.
 - Sexually Transmitted Diseases: Gonorrhea and Chlamydia.
 - Water-contact Diseases: Leptospirosis
 - Respiratory Diseases: Tuberculosis
 - Animal-contact: Anthrax, Q-Fever, and Rabies